

Adams Soil Consulting, PLLC
1676 Mitchell Road
Angier, NC 27501
919-414-6761
alexadams@bcsoil.com

March 27, 2023
Project #1494

“This AOWE/PE submittal is pursuant to and meets the requirements of G.S. 130A-336.2

RE: 134 Mineral Spring Ln -Fuquay-Varina, NC 27526- Repair System Relocation for Proposed Pool

To whom it may concern:

Adams Soil Consulting (ASC) conducted a preliminary soil evaluation on the above referenced parcel to determine the areas of soils which are suitable for subsurface wastewater disposal systems (conventional & LPP). The soil/site evaluation was performed using hand auger borings during moist soil conditions based on the criteria found in the State Subsurface Rules, 15ANCAC 18A .1900 “Laws and Rules for Sewage Treatment and Disposal Systems”. From this evaluation, ASC is providing the attached 3-bedroom repair system relocation.

The suitable soils found on the subject property were relatively consistent in the initial and repair areas. The area designated for the initial/primary septic system (see attached septic plan) was found to contain soils with greater than 36 inches in depth before a restrictive horizon was encountered.

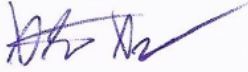
The initial and primary septic fields were sized based on a flow rate of 480 gallons/day and utilizing Accepted Status. Any unauthorized site disturbance, filling, soil removal, or layout changes may result in the permit being revoked.

The septic installer contractor shall install the repair (if needed) system on contour, see attached site plan for the primary system and repair. No underground utilities, water lines, or sprinkler systems shall be placed into the initial or repair septic areas. Installation must meet all state and Johnston County regulations for septic system installation. The trenches must be installed in the same location as the site plan. If the installation is in question at the time of installation call me (Alex Adams) at 919-414-6761.

This report does not guarantee the future function of any waste water disposal system installed.

If you have any questions regarding the findings on the attached site plan or in this report, please feel free to contact me anytime.

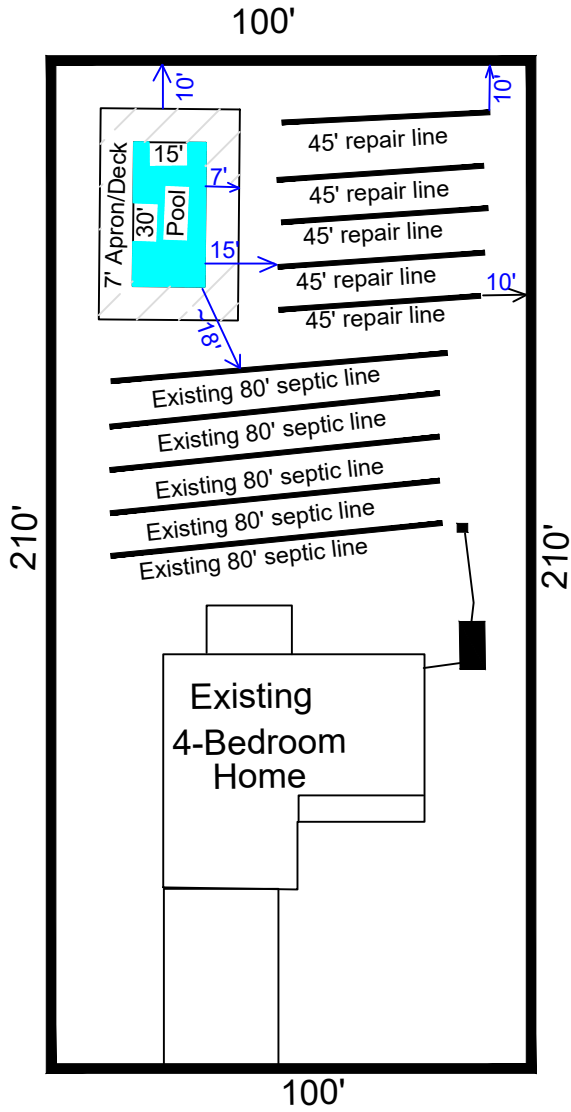
Sincerely,



Alex Adams
NC Licensed Soil Scientist #1247
AOWE Certification: 10021E



Septic Repair relocation
 134 Mineral Springs Ln
 Harnett County
 Wesley and Kristin Stiltner



Sketched from existing operation permit

System: Gravity
 Lines: 1-5 (420')
 0.3 LTAR
 24" Max Trench Bottom
 Accepted Status System
 Repair: Gravity to D-Box
 Lines: 6-10 (225')
 0.35 LTAR
 24" Max Trench Bottom
 T&J Panel Block - 50% reduction system

Mineral Springs Ln

Adams
 Soil Consulting
 919-414-6761
 Job #1628

GRAPHIC SCALE
 1" = 40'





NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**

ROY COOPER • Governor
KODY H. KINSLEY • Secretary
HELEN WOLSTENHOLME • Interim Deputy Secretary for Health
MARK T. BENTON • Assistant Secretary for Public Health
Division of Public Health

**COMMON FORM FOR AUTHORIZED ON-SITE WASTEWATER EVALUATOR PERMIT OPTION
FOR NON-ENGINEERED SYSTEMS**

See Instructions for Use in Appendix A

Except for "Date received", this Section to be completed by the AOWE in accordance with G.S. 130A-336.2

LHD USE ONLY: Initial submittal of this NOI received: _____ by _____
Date Initials

PART 1: Notice of Intent to Construct (NOI) - Please check all that apply

Single System or Multiple Systems

AND

New Expansion Relocation of all or part of the Existing System Relocation of Repair Area
 Repair – LHD Permit Number _____ Repair – EOP/LSS COVID 19/AOWE Permit Number _____

1. Facility Owner's name: (Owner, Company Name, Utility, Partnership, Individual, etc.):

Wesley and Kristen Stiltner

Mailing address: 134 Mineral Springs Ln City: Fuquay-Varina State: NC Zip: 27526

Telephone number: 919-945-4807 E-mail Address: kristen.a.stiltner@gmail.com

2. Authorized On-Site Wastewater Evaluator (AOWE) name: Alex Adams

LSS License number: LSS-1247 AOWE Certification number: 100021 E

Mailing address: 1676 Mitchell Road City: Angier State: NC Zip: 27501

Telephone number: 919-414-6761 E-mail Address: alexadams@bcsoil.com

3. Licensed Geologist (LG) (if applicable) name: _____ License Number: _____

Mailing address: _____ City: _____ State: _____ Zip: _____

Telephone number: _____ E-mail Address: _____

4. Proof of Errors and Omissions or other appropriate liability insurance for the following persons is attached that includes the name of the insurer, name of the insured and the effective dates of coverage:

AOWE LG

5. Property location (physical address, tax parcel identification number or subdivision lot, block number of the property to be permitted): 134 Mineral Spring LN – Fuquay-Varina, NC 27526 – Avery Pond Subdivision

Lot# 17

County Name: Harnett

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES • DIVISION OF PUBLIC HEALTH

LOCATION: 5605 Six Forks Road, Raleigh, NC 27609
MAILING ADDRESS: 1642 Mail Service Center, Raleigh, NC 27699-1642
www.ncdhhs.gov • TEL: 919-707-5874 • FAX: 919-845-3972

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

- 6. Type of facility: Place of residence No. Bedrooms: 4 No. Occupants: 8
 Place of business Basis for flow calculation: _____
 Place of public assembly Basis for flow calculation: _____

7. Factors that would affect the wastewater load: _____

8. Type and location of proposed wastewater system: Type III (g)

9. Design wastewater flow: 480 gpd
Design wastewater strength: domestic high strength industrial process *(For high strength and industrial process wastewater, a Professional Engineer licensed in accordance with G.S. 89C shall design the on-site wastewater system.)*

10. A plat as defined in G.S. 130A-334(7a) is attached: Yes No
A site plan as defined in G.S. 130A-334(13a) is attached: Yes No

11. Location of proposed or existing wells (drinking water, irrigation, geothermal, groundwater monitoring, sampling, etc.) and any potable and non-potable water conveyance lines is indicated on attached plans and complies with 15A NCAC 18A .1950: Yes No
This is a saprolite system. Yes No

12. Evaluation(s) of soil conditions and site features in accordance with G.S. 130A-335(a1) signed and sealed by a LSS is attached: Yes No

13. Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes NA

14. Proposed landscape, site, drainage, or soil modifications are attached: Yes NA

Attestation by AOWE pursuant to G.S. 130A-336.2

I, Alex Adams hereby attest that the information required to be included with this Notice of Intent to Construct is accurate and complete to the best of my knowledge and that the proposed system shall meet applicable federal, State, and local laws, regulations, rules and ordinances, and that the proposed system does not require a Professional Engineer, licensed in accordance with G.S. 89C, and in accordance with 15A NCAC 18A .1938 and activities determined to be engineering as determined by the North Carolina Board of Examiners for Engineers and Surveyors.

Signature of Authorized On-Site Wastewater Evaluator 3-27-23
Date

Owner self-submittal of NOI:

I, _____ hereby submit this NOI prepared by Alex Adams
Print Name of Owner *Print Name of AOWE*

pursuant to G.S. 130A-336.1.

Signature of Owner Date

NOTES:

LIABILITY: The Department, the Department's authorized agents, or local health departments shall have no liability for wastewater systems designed, constructed, and installed pursuant to an AOWE Permit Option [G.S. 130A-336.2(f)]

*RIGHT OF ENTRY: The submittal of this **Notice of Intent to Construct** grants right of entry to the Local Health Department and the State to the referenced property.*

ISSUANCE OF BUILDING PERMIT: Once the LHD deems that the Notice of Intent to Construct is complete via signature in the section below, the owner may apply to the local permitting agency for a permit for electrical, plumbing, heating, air conditioning or other construction, location, or relocation activity under any provision of general or special law pursuant to G.S. 130A-338.

This section for Local Health Department use only.

PART 2: LHD Completeness Review of the Notice of Intent to Construct

“(c) Completeness Review for Notice of Intent to Construct. –The local health department shall determine whether the notice of intent to construct required pursuant to subsection (b) of this section is complete within five business days after receiving the notice of intent to construct. A determination of completeness means that the notice of intent to construct includes all of the required components. If the local health department determines that the notice of intent to construct is incomplete, the local health department shall notify the owner and list the information needed to complete the notice. The owner may then submit additional information to the local health department to cure the deficiencies in the initial notice. The local health department shall make a final determination as to whether the notice of intent to construct is complete within five business days after the department receives the additional information. If the local health department fails to act within any time period set out in this subsection, the owner may treat the failure to act as a determination of completeness. The owner shall be able to apply for the building permit for the project upon the decision of completeness of the notice of intent by the local health department or if the local health department fails to act within the five business day time period.”

The review for completeness of this Notice of Intent was conducted in accordance with G.S. 130A-336.2(c). This NOI is determined to be:

INCOMPLETE (If box is checked, Information in this section is required.)

Based upon review of information submitted in Part 1, the following items are missing: _____

Copies of this form listing missing items were sent to the AOWE and the Owner on _____

via _____ with directions to re-submit missing items using Page 5 of this form.

Email, FAX, USPS, hand-delivered

Print Name of Authorized Agent of the LHD

Signature of Authorized Agent of the LHD

Date

COMPLETE (If box is checked, information in this section is required.)

Based upon review of information submitted in Part 1 of this form, this NOI is deemed COMPLETE.

Copies of this signed form were sent to the AOWE and the Owner on _____ via _____.

Date Email, FAX, USPS, hand-delivered

A copy of this NOI and tracking information was sent to the State on _____ via _____.

Date Email, FAX, USPS, hand-delivered

Print Name of Authorized Agent of the LHD

Signature of Authorized Agent of the LHD

Date

PART 3: Authorization to Operate (ATO)

Except for date received, the Section below is to be completed by the Owner.

<p>LHD USE ONLY: Initial submittal of request for ATO received: _____ by _____ <i>Date Initials</i></p> <p>Date of Post-construction Conference: _____</p>

The following items are included in this submittal for an Authorization to Operate under an AOWE permit:

- Signed and sealed copy of the AOWE's report that includes the information in G.S. 130A-336.2(k) Yes No
- Operation and management program Yes No
- Fee (as applicable) Yes No
- Notarized letter documenting Owner's acceptance of the system from the AOWE Yes No
- On-site Wastewater Contractor name: _____ License number: _____
Mailing address: _____ City: _____ State: _____ Zip: _____
Telephone number: _____ E-mail Address: _____
- Proof of Errors and Omissions or other appropriate liability insurance for the On-site Wastewater Contractor is attached and includes the name of the insurer, name of the insured, and the effective dates of coverage.
 Yes No

Attestation by the Owner for Authorization to Operate

I, _____ hereby attest that all items indicated above have been provided to the
Print name of Owner
_____ County LHD and the system shall meet applicable federal, State, and local laws, regulations, rules, and ordinances.

Signature of Owner Date

This section for LHD Use Only.

LHD Review of required information for the ATO

INCOMPLETE

Based upon review of information submitted in the Section above, the following items are missing from the information required for an Authorization to Operate for an AOWE permit: _____

Copies of this signed form were sent to the AOWE and the Owner on _____ via _____.
Date Email, FAX, USPS, Hand-delivered

Print name of authorized Agent of the LHD Signature of authorized Agent of the LHD Date

COMPLETE

Based upon review of information submitted in the Section above, this Authorization to Operate is hereby issued in accordance with G.S. 130A-336.2(m).

A copy of this complete NOI/ATO with tracking information was sent to the State on _____ via _____.
Date Email, FAX, USPS, Hand-delivered

Print name of authorized Agent of the LHD Signature of authorized Agent of the LHD Date

ISSUANCE OF CERTIFICATE OF OCCUPANCY: Once the LHD determines completeness based upon the ATO submission, the owner may apply to the local permitting agency for permanent electrical service to a residence, place of business or place of public assembly pursuant to G.S. 130A-339.